Recreational Use Attainability Analysis

Cover Sheet

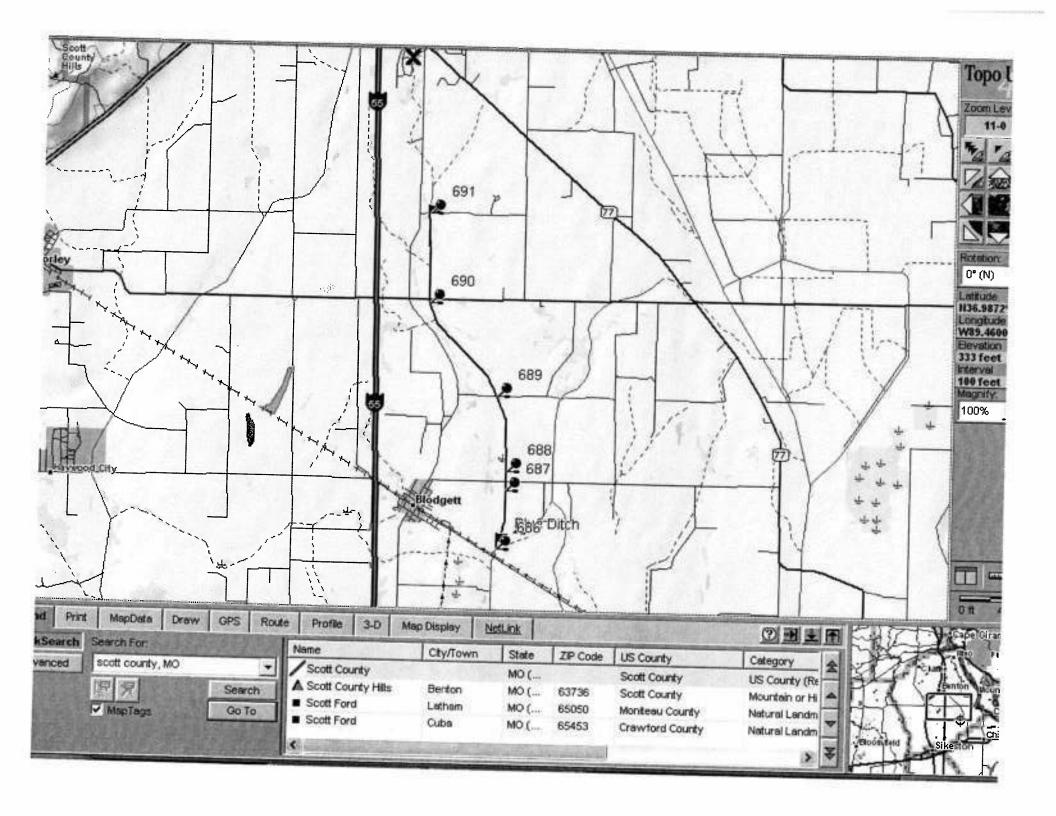
| Water Body Name: Blue Ditch | |
|--|---|
| Water Body Identification #: 3147 | |
| | |
| Completed UAA Checklist: | |
| Pre-Field Preparatory Data Sheet | |
| Maps with actual survey sites marked | |
| A Data Sheet A | |
| G Data Sheet $B - 3$ of 3 pages for each site | |
| O Number of Sites: 6 | |
| G Data Sheet C (if applicable) | |
| O Number of Interviews: | |
| G Photographs | |
| O Quantities | |
| Upstream 7 | |
| Downstream 7 | |
| ■ Other ⊋ € | |
| | |
| | |
| I, the undersigned, hereby affirm to the best of my line | |
| I, the undersigned, hereby affirm to the best of my kno is true and accurate. | wiedge, that all information reported in this UAA |
| | |
| $\bigcap I \swarrow I$ | |
| Signed: Chil | Date: 07-05-01 |
| Printed Name: CHAD E. BARBOUR | Date: 07-05-06 |
| | |
| Organization: TETRA TOCH INC. | Position: SCAENTJS T |
| | |

Date: 07/05/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

| Water Deday No. |
|---|
| Water Body Name: Blue Ditch |
| WBID #: 3147 |
| Upstream Coordinates: |
| (WGS 84, ddd.ddddd) 37.05406, 039, 52439 |
| Downstream Coordinates: |
| (WGS 84, ddd.ddddd) 36.99575, 039.50941 |
| Current Weather Conditions: Ferrell MHP |
| Number of Sites Evaluated: MODD 81957 Name(s) of Surveyor(s): |
| John Roberts Chad Barbour |



WBID #_3147 Site #_686

Date: 06 / 16 / 2006

Field Data Sheets for Recreational Use Stream Surveys

| Longitude (444-111) | N 36.99573 | 0 | Arrival Time: | |
|---------------------------|-------------------------------------|--------------------------------|---|----------------------------|
| Longitude (ddd.dddd | | MCC. LONE I | | 740 |
| Photo Ids: Upstream | n: 0368 | Downstream: 0369 | Other: | |
| | | 0370- FISH: | ING BOBBEF 0371- A | t gs- |
| rrative Description | n of Y | | 0371. A | LGAE |
| AT CA SIS A | u of Location: (Do | escribe access point to strean | n, nearby roads, landmarks, et | c.) |
| | , and | | | |
| | | | | |
| rrounding Conditi | ons*: (Mark all that | DIOMOte or impede recreation | nal uses. Attach photos of evic | |
| | | Transit of impede recreation | nai uses. Attach photos of evid | dence or unusual |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conservation land | ds Urban areas | ☐ Campgrounds |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | ☐ Nature trails | ☐ Stairs/walkway |
| ☐ No trespass sign | ☐ Fence | □ Steep slopes | | |
| man Uses Observe | · · · | | ☑ Other: AGR 3€ ve | • 0369 |
| ☐ Swimming | ☐ Skin diving | | | |
| ☐ Wind surfing | | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Hunting | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting |
| Describe: (include numb | ☐ Trapping Der of individuals recr | Fishing Frequency of the Inc. | None of the above oto-documentation of evidence | ☐ Other: |
| | | ouring, requeries of use, pro | oto-documentation of evidence | e of recreational uses, et |
| | | | | |
| | | | | |
| | | | | |
| ence of Human Us Roads | | | | |
| | ☐ Foot paths/prints | s □ Dock/platform | ☐ Livestock Watering | ☐ RV / ATV Tracks |
| Rope swings | ☐ Camping Sites | ☐ Fire pit/ring | ☐ NPDES Discharge | Fishing Tackle |
| Other: | | | * SEE PHOTO | 03.25 |
| ces of Pollution. | | | | - // 0 |
| GATEVLTURE A | s., trash dumping, tire | s, drainages, discharges, etc. |) | |
| | | Carlos St. Co. | | |

06/16/2006

| | Dad | to Choot D C | CI | | | |
|---|---|----------------------|---|-----------------------------|-----------------|--------------|
| | Dat | ta Sheet B - Site | Characterizati | on-2 of 3 | 3 | |
| tream Morp | hology: | | | | | |
| Upstream \ | View Physical Dir Distance from | nensions: (| 0.55m | 0,60m | 0,50 | m |
| | access point (m) | Width (m) | Length | (m) | Avg. Depth (m) | Max Depth (r |
| □ Riffle | | | | | | Max Depth (I |
| □ Run | | | | | | |
| Pool | 3~ | 7,4m | 3 m | | ^ | 0/- |
| ☐ Flow | Present? Yes | □ No | Velocity (ft/s | sec). I | 0.55 m/65ec, | 0,60m |
| | | | | -7. [| 116366, | |
| Downstream | n View Physical I | Dimensions: | 0.54m | 0, | 45m o. | 50m |
| | Distance from access point (m) | Width (m) | Length (| | Avg. Depth (m) | Max Depth (m |
| □ Riffle | | | | | 9 L. (m) | тах реріп (m |
| Run | 3 m | 7.2m | 3m | | 0.50 | O Tx |
| □ Pool | | | | | 0.50 | 0.54m |
| Flow | Present? Yes | □ No | Velocity (ft/se | ac): 1 | 110 | |
| | | | 130119 (1031 | ec): 1m | 165ec. | |
| | | Lun to 1009/) | | | | |
| bstrate*: (Th | nese values should add | | | | | |
| bstrate*: (Th | | . [| % Sand 80 | % Silt | 15 % Mud/Clay | % Bedro |
| % Co | obble 10 % G | ravel | 1 00 | | | % Bedro |
| % Co uatic Vegeta Ex ていいま まいら | tion*: (Note amount | of vegetation or alg | al growth at the acc | 1000 | | |
| % Co uatic Vegeta Ex ていいま まいら | obble 10 % G | of vegetation or alg | al growth at the acc | 1000 | | |
| % Co uatic Vegeta Ex ていいま まいら | tion*: (Note amount | of vegetation or alg | al growth at the acc | 1000 | | |
| % Co uatic Vegeta Exすないままいら SEE PHOTOS | tion*: (Note amount ALGAL GASW 0368, 0320,032 | of vegetation or alg | al growth at the acc | 1000 | | |
| % Co uatic Vegeta Exすらいままいら SEE PHOTOS ter Characte | tion*: (Note amount ALGAL GAW 6368, 0320,032 | of vegetation or alg | al growth at the ass | sessment site | | |
| W Countic Vegeta Extensive SEE PHOTOS ter Characte Odor: | tion*: (Note amount ALGAL GAN 3368, 0320,032 eristics*: (Mark all t | of vegetation or alg | al growth at the ass (T; Apphox. 3) | Sessment site 5 % of Wone | | |
| watic Vegeta Extentive SEE PHOTOS ter Characte Odor: Color: | tion*: (Note amount ALGAL GAN 368, 0320,032 eristics*: (Mark all t Sewage | of vegetation or alg | al growth at the ass T; Appagx. 3. Chemical Gray | sessment site | STREAM AFFE | |
| % Co uatic Vegeta Exすないままいも SEE FHOTOS ter Characte Odor: | tion*: (Note amount ALGAL GAW 3368, 3378, 3378 eristics*: (Mark all t Sewage Clear Sludge | of vegetation or alg | al growth at the ass (T; Apphox. 3) | Sessment site 5 % of Wone | DOTHERM AFFE | |

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 686

Date: 06 / 16 / 2016

Data Sheet B - Site Characterization – 3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local NONE |
|---|
| |
| |
| |
| |
| |
| |
| |

| WBID | # | 3147 | Site | # | 686 | |
|-------------|---|------|------|---|-----|--|
|-------------|---|------|------|---|-----|--|

· Date: 06 / 16 / 2006

NONE

Field Data Sheets for Recreational Use Stream Surveys

| 2. Have you pe | | u lived here?nis water body for rethat apply: | recreation since 1975? | Yes □ No |
|------------------------------------|--|---|---|--------------------------|
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | Other: |
| 3. Have you obs | served others us | ing this water body hat apply: | for recreation since 1 | 975? □ Yes □ No |
| | | Tar appry. | Total and Since 1 | .973: Lifes LiNo |
| ☐ Swimming | 1 1 1 01-: 1: - | | | |
| ☐ Swimming ☐ Wind surfing | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Water skiing ☐ Rafting |
| ☐ Wind surfing ☐ Hunting | ☐ Kayaking ☐ Trapping | ☐ Boating ☐ Fishing | ☐ Wading ☐ None of the above | |
| ☐ Wind surfing ☐ Hunting | ☐ Kayaking ☐ Trapping have you obser G More than: G 1 - 5 times | ☐ Boating ☐ Fishing rved it being used for times per year | ☐ Wading ☐ None of the above or recreation? | ☐ Rafting |
| ☐ Wind surfing ☐ Hunting How often | ☐ Kayaking ☐ Trapping have you obser G More than: G 1 - 5 times | ☐ Boating ☐ Fishing Tved it being used for times per year per year time per year — ple | ☐ Wading ☐ None of the above or recreation? | ☐ Rafting |
| ☐ Wind surfing ☐ Hunting How often | ☐ Kayaking ☐ Trapping Thave you obserted More than 1 1 - 5 times Less than 1 | ☐ Boating ☐ Fishing Tved it being used for times per year per year time per year — ple | ☐ Wading ☐ None of the above or recreation? | ☐ Rafting |

WBID # 3147 Site # 687

Date: 06/17/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

| Longitude (ddd.dddd): | N 37,008 W 089.50 | 74° | ACC, 24. | 74+ | Arrival Time: | 9.00 |
|------------------------------------|------------------------------------|----------------|---------------------|-------------|---|------------------------------------|
| Photo Ids: Upstream: | | Downstream | 0373 | | | 800 Access Along Alling S |
| | | 0. | 374 - TAASH | 6375- | ACDON. | 3377, ALGAE |
| amati D | _ | | | | , G, DHA IN | 3577, ALGHÉ |
| arrative Description | of Location: (De | escribe access | point to stream, r | earby roads | . landmarks eta | •) |
| CH 317 MOAD C | .N03) J.V & | | | | , | •) |
| | | | | | | |
| | | | | | | |
| rrounding Conditions of interest.) | ns*: (Mark all that | promote or in | npede recreational | uses. Attac | h photos of evic | lence or unusual |
| ☐ City/county parks | | T | | | | |
| | ☐ Playgrounds | ☐ MDC co | onservation lands | ☐ Urba | an areas | ☐ Campgrounds |
| ☐ Boating accesses | ☐ State parks | ☐ Nationa | forests | ☐ Natu | re trails | ☐ Stairs/walkway |
| ☐ No trespass sign | ☐ Fence | ☐ Steep slo | ppes | Othe | r: ACD7CW | TURE - SEE PHATOS 03 |
| man Uses Observed | *• | | | | * 0373 | TURE - SEE PHATOS 03 |
| ☐ Swimming | | | | | | |
| ☐ Wind surfing | ☐ Skin diving | | UBA diving | ☐ Tubi | ng | ☐ Water skiing |
| | ☐ Kayaking | □ Во | ating | ☐ Wad | ing | ☐ Rafting |
| Describe: (include must) | Trapping | ☐ Fis | ning | ☑ None | of the above | |
| Section: (metade numbe | er of individuals recr | eating, freque | ency of use, photo- | documentat | ion of evidence | Other: |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOBOO OF IX TY | *: | | | | | |
| dence of Human Use | | l l | | | | |
| Roads | ☐ Foot paths/print | s 🗆 Do | ck/platform | ☐ Livest | ock Watering | D RV / ATV Track |
| Roads Rope swings | ☐ Foot paths/prints☐ Camping Sites | | e pit/ring | | S Discharge | □ RV / ATV Tracks |
| Roads | | | | | ock Watering S Discharge | ☐ RV / ATV Tracks ☐ Fishing Tackle |
| Roads Rope swings Other: | ☐ Camping Sites | □ Fir | e pit/ring | | | |
| Roads Rope swings Other: | ☐ Camping Sites | □ Fir | e pit/ring | | | |
| Roads Rope swings | ☐ Camping Sites | □ Fir | e pit/ring | | | |
| Roads Rope swings Other: | ☐ Camping Sites | □ Fir | e pit/ring | | | |

06/17/2006

| WBID #_ | 3147 Site# | 687 |
|---------|------------|-----|
| | 6/ 17/2006 | |

Data Sheet B - Site Characterization - 2 of 3

| 1 | iew Physical Di | Tensions. | 1 (3 /) | 0.57_{n} 0, | 64m |
|-----------------------------|--|--------------------------|--|-------------------------------|--------------------------|
| | access point (m) | Width (m) | Length (m) | Avg. Depth (m) | |
| ☐ Riffle | | | | January Company | Max Depth (m |
| ☑ Run | 3M | 9.5 | 3 m | | 6 (1 |
| □ Pool | | | | 0.55 | 0,64m |
| Flow P | resent? Yes | □ No | Velocity (ft/sec): | 1 /06 | |
| | | | · clocity (lasee). | Im/85ec. | |
| Downstream | View Physical I Distance from | Dimensions: O | ,78n | 0.70m |), 55m |
| | access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m) |
| □ Riffle | , | | | | Trace Depth (III) |
| Run | | | | | |
| ☑ Pool | 8~ | 10.1m | 8 m | | 0 - 0 |
| Flow Pr | resent? Yes | □ No | Velocity (ft/sec): | 0.68 | 0,78m |
| | | | (rasec). | 1m/7500 | · . |
| strate*: (The | se values should add | l up to 100%.) | | | |
| % Cob | ble 10 % G | ravel 5 %S | and 20 % | Silt 5 % Mud/Clay | / % Bedro |
| | | | | | 1 , 0 2 0 0 0 |
| ıatic Vegetati | on*: (Note amount | AF | | | |
| latic Vegetati | on*: (Note amount | of vegetation or algal g | rowth at the assessme | ent site.) | |
| latic Vegetati | On*: (Note amount LENT ALONG ED 377. | of vegetation or algal g | rowth at the assessme | ent site.) APPROX. 60% of 576 | NEAD AFFECTED. |
| Latic Vegetati | On*: (Note amount LENT ALONG ED 3ファ | of vegetation or algal g | rowth at the assessme | APPROX. 60% OF STE | AFFECTES. |
| EE PHOTO 0 | 377. | OCS AND ARAUSD | rowth at the assessme | ent site.) APPAOX. 60% OF 576 | REACH AFFECTES. |
| er Character | istics*: (Mark all | hat apply.) | NO state 36 mm s - 3 - ; | APPROX. 60% OF STE | ngain Affect es . |
| er Character | 377. | hat apply.) | No seek so treat is a seek | APPARX. 60% of 376 | ngam Affect es . |
| er Character Odor: Color: | istics*: (Mark all : ☐ Sewage ☐ Clear | hat apply.) Green | No see see trans 2 ; Themical ☑ N Gray □ M | APPARX. 60% of 376 None | ngam Afficies. |
| 666 PHO 70 0 | istics*: (Mark all | hat apply.) Green | Chemical Norman Siray Norman N | APPARX. 60% of 376 None | AFRICIES. |

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WBID # 3147 Site # 687

Date: 06/17/2006

Data Sheet B - Site Characterization - 3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation). |
|---|
| SITE MOVED TO ROAD CAISSING FOR BETTER ACCESS. |
| |
| |
| |

WBID # 3147 Site # 687 Date: $96/17/2 \approx 6$

NONE

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

| | | that apply: | recreation since 1975? | Yes □ No |
|---|--|---|---|--------------------------|
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting |
| Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: |
| Have you obs | served others us | ing this water body | for recreation since 1 | 9752 [] Vos. [] N |
| | ise check ALL t | hat apply: | is a mich office 1 | 9/5? □ Yes □ No |
| Swimming | se check ALL t ☐ Skin diving | hat apply: ☐ SCUBA diving | ☐ Tubing | |
| Swimming Wind surfing | | nat appry. | | ☐ Water skiing |
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | |
| Swimming Wind surfing Hunting | ☐ Skin diving ☐ Kayaking ☐ Trapping ☐ have you obser ☐ More than ☐ 1 – 5 times | ☐ SCUBA diving ☐ Boating ☐ Fishing ved it being used for times per year | ☐ Tubing ☐ Wading ☐ None of the above for recreation? | ☐ Water skiing ☐ Rafting |
| Swimming Wind surfing Hunting How often | ☐ Skin diving ☐ Kayaking ☐ Trapping ☐ have you obser ☐ More than 1 ☐ 1 - 5 times ☐ Less than 1 | ☐ SCUBA diving ☐ Boating ☐ Fishing ved it being used for times per year per year | ☐ Tubing ☐ Wading ☐ None of the above for recreation? | ☐ Water skiing ☐ Rafting |

Telephone #:

WBID # 3147 Site # 688

Date: 06/17/2007

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3 marate Data Sheet B must be completed for each

| Latitude (ddd.dddd): Longitude (ddd.dddd) | | ACC! 24.2FT | Arrival Time: | |
|--|-----------------------------------|----------------------------------|--------------------------------|-------------------|
| Photo Ids: Upstream | : 0378 | Downstream: 6ラフタ | Other: 0380 | - Access AD. |
| rrative Description | n of Location: (De たいのシェッチ・150 | escribe access point to stream, | nearby roads, landmarks, etc | c.) |
| rounding Conditions of interest.) | ons*: (Mark all that | promote or impede recreations | al uses. Attach photos of evic | lence or unusual |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conservation lands | □ Urban areas | ☐ Campgrounds |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | ☐ Nature trails | ☐ Stairs/walkway |
| ☐ No trespass sign | ☐ Fence | ☐ Steep slopes | Other: AGR JOULT | |
| nan Uses Observed | i*: | | 7.01.3000 | 0330. |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | [] Tukin | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Tubing ☐ Wading | ☐ Water skiing |
| ☐ Hunting | ☐ Trapping | □ Fishing | | Rafting |
| Describe: (include numb | er of individuals reci | reating, frequency of use, phot | o-documentation of evidence | Other: |
| ence of Human Us | | | | |
| Roads | ☐ Foot paths/print | s □ Dock/platform | ☐ Livestock Watering | □ RV / ATV Tracks |
| Rope swings Other: | ☐ Camping Sites | ☐ Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle |
| ces of Pollution: (e.g | g., trash dumping, tire | es, drainages, discharges, etc.) | | |

06/17/2007

| W | BID | # | 3 | 147 | Si | ite # | 688 | |
|---|-----|----|---|-----|----|-------|-----|--|
| - | | 06 | | 17 | _ | 1 | | |

Date: 06/17/2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

| | View Physical Di Distance from access point (m) | Width (m | | (m) | Avg. Depth (m) | Max Depth (m |
|--------------|---|-----------------------|-------------------------|----------------|----------------|-----------------------|
| □ Riffle | | | | | | a.a Depth (iii |
| ⊠Run | 6m | 8.0~ | 6m | | | |
| □ Pool | | | - J | | 0.45 | 0.49 |
| ☑ Flow | Present? Yes | . □ No | Velocity (ft/s | ec): In | = 25 | |
| Downstread | m View Physical | Dimensions: | 0.38m | | | // 9 |
| | Distance from access point (m) | Width (m) | | | Avg. Depth (m) | 49 m Max Depth (m) |
| □ Riffle | | | | | | |
| Run | 12m | 8.2m | 12 m | | 0.43 | 0,49m |
| □ Pool | | | | | | 0,7/14 |
| Flow | Present? Yes | □ No | Velocity (ft/se | ec): | Im/10500 | |
| etuato* | 1 | | | | 1710382 | |
| % C | hese values should ac | | 0/ 0 | | | |
| | 78 (| Gravel 5 | % Sand 80 | % Silt | 15 % Mud/Clay | % Bedro |
| iatic Vegeta | ation*: (Note amour | nt of vegetation or a | algal growth at the ass | essment sit | a) | |
| NODERATE | AMOUNT OF ALC | AE; APPROX 2 | 5 % of stream | AFFECTE | D : | |
| | | | | | | |
| | | | | | | |
| er Charact | eristics*: (Mark all | that apply.) | | 4 | | |
| 74 | ☐ Sewage | □ Musky | ☐ Chemical | ☑None | ☐ Other: | |
| Odor: | | | | | a onici. | |
| Color: | ☐ Clear | ☐ Green | ☑ Gray | □ Milkv | Other: | |
| | | □ Green □ Solids | ☐ Gray ☐ Fine sediments | ☐ Milky ☐ None | ☐ Other: | |

site 3 was moved.

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WBID # 3 147 Site # 698

Date: 06/17/2006

Data Sheet B - Site Characterization - 3 of 3

| Comments: Please describe any depart | ires from protocol and the reasons for departure (e.g., unanticipated unique local |
|---|--|
| | |
| SITE MOVED TO AMER OF | BETTER ACCESS 150m UPSTAFAM OF CR 514 ROAD |
| Chassave. | OF CRITICAL MARKS |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Date: 06/ 17/ 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

| | ersonally used the | is water body for r that apply: | ecreation since 1975? | ☐ Yes ☐ No |
|-----------------|--|---|------------------------|------------------------|
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting |
| ☐ Hunting | Trapping | | ☐ None of the above | Other: |
| 3. Have you obs | served others us | 1 time per year – p | for recreation since 1 | 975? ∀ Yes □ No |
| Swimming | se check ALL the Skin diving | hat apply: | ☐ Tubing | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Water skiing |
| ☐ Hunting | ☐ Trapping | Fishing | ☐ None of the above | ☐ Rafting ☐ Other: |
| How often | Note than $1 - 5$ times | ved it being used fo 5 times per year per year time per year – ple | | · |
| Additional Con | mments: <u>Low</u> FIA 3 <i>W3M61W6</i> | VHON HE WAS / | ATMAGE MAINLY: TO | ed shallow for Fishing |

Telephone #: 573.545-4899

WBID # 3 147 Site # 689

Date: 06/17/2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3
(A separate Data Sheet B must be completed for each site)

| Latitude (ddd.dddd): | | | | Arrival Time: | |
|-----------------------|-------------------------|---------------------|------------------|--|----------------------------|
| Longitude (ddd.dddd) | : 089.52428 | ACL, 9.7 FT | | | 105 |
| Photo Ids: Upstream | | D . | 0388 | | |
| | | | | Other: 0341- | DATA PERF |
| | | <u>0</u> | 789. House | ON PORTERT BANK | 1 6 0/4 06/ |
| rrative Description | n of Location. | . . |)392 - PON | NED PAIN DO BENK (LE FON FACIT BANK D> ON RAGHT BANK learby roads, landmarks, etc | 0393-FEVEL 21 |
| 150m DOWNSTA | FAM AE CR ED | escribe access po | int to stream, r | nearby roads, landmarks, etc | وزا خوابه (۱۳۹۶) |
| · | | LI WAY CH | 135×6, | | |
| | | | | | |
| Tounding Condition | Ons*• (Monle ettat | | | | |
| s of interest.) | . (Mark all that | promote or impe | de recreational | uses. Attach photos of evid | dence or unusual |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conse | ervation lands | | |
| ☐ Boating accesses | ☐ State parks | | | ☐ Urban areas | ☐ Campgrounds |
| ☐ No trespass sign | ☐ Fence | ☐ National for | | ☐ Nature trails | ☐ Stairs/walkway |
| = 110 trespass sign | L Fence | ☐ Steep slopes | 3 | Other: AGAJCUL | TURE - SEE PHOTO O |
| nan Uses Observe | d*: | | | Acstinent | JAL SEE PHOTO 03 |
| ☐ Swimming | ☐ Skin diving | □ SCUB | A diving | | |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boatin | | ☐ Tubing | ☐ Water skiing |
| ☐ Hunting | ☐ Trapping | | | □ Wading | ☐ Rafting |
| | per of individuals rec | Fishing frequency | y of war what | ✓ None of the above | ☐ Other: |
| | | reating, frequency | y of use, photo | None of the above documentation of evidence | e of recreational uses, er |
| | | | | | |
| | | | | | |
| | | | | | |
| ence of Human Us | a*• | | | | |
| Roads | | | | | |
| | ☐ Foot paths/print | s Dock/ | platform | ☐ Livestock Watering | □ RV / ATV Tracks |
| Rope swings | ☐ Camping Sites | ☐ Fire p | it/ring | ☐ NPDES Discharge | ☐ Fishing Tackle |
| Other: FENCE ON | MOGHT BANK; | SEG PHOTO NO | 43 | | Tuckic |
| | | | | | |
| ces of Pollution: (e. | g., trash dumping, tire | es, drainages, disc | charges, etc.) | | |
| CATE GLIGHT - A. | | | | | |
| 00 0340 | SUPERIOR ! E | JULD BURNEN | 6 HAS EXT | respent the second | 12 m 3/3 m 14 m/2 |

QL: Japoto

| | Data | a Sheet B - Site Ch | aracterization – 2 | of 3 | |
|----------|-----------------------------------|---------------------|------------------------|----------------|--------------|
| eam Moi | rphology: | | | | |
| Upstrean | n View Physical Dim | iensions: 0.50 (| 0.68.0175m | | |
| | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (1 |
| □ Riffle | | | | | |
| □ Run | | | | | |
| ☑ Pool | 165m | 12.3~ | 10~ | 0.4.4 | |
| ☐ Flow | Present? | O No | Velocity (ft/sec): | 0.64 | 075m |
| | | | , (). | | |
| ownstre. | am View Physical D Distance from | imensions: 0.48 | 0.70, 0.95m | | |
| | Distance from | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (n |
| | access point (m) | | 1 | | (11 |
| □ Riffle | access point (m) | | | | |
| | access point (m) | | | | |
| □ Riffle | access point (m) | | 2 | | |
| □ Riffle | | 12:0n | & ∽ Velocity (ft/sec): | 0.71 | 0.95 |

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

Extensive submences alcal Growth; 40%, of STREAM Affected.

Water Characteristics*: (Mark all that apply.)

| Odor: | ☐ Sewage | □ Musky | ☐ Chemical | ✓ None | |
|---------------------|---------------------------------------|----------|------------------|----------|-------------------|
| Color: | □ Clear | | | L'I None | ☐ Other: |
| Bottom Deposit: | · · · · · · · · · · · · · · · · · · · | □ Green | □ Gray | □ Milky | Other: GAREN-GARY |
| | ☐ Sludge | ☐ Solids | Y Fine sediments | □ None | Other: ALGAE |
| Surface Deposit: | □ Oil | □ Scum | ☐ Foam | □ None | |
| s information is no | | | | L Noile | MOther: ALGAE |

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 689

Date: 06/17/2006

Data Sheet B - Site Characterization - 3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring site relocation) |
|---|
| conditions, problems in measuring, site relocation). |
| LOCATED NO LOCKED AND TO INACCESSABILITY OF ONJESTAL ESCATEDA ONJETMAL |
| LOCATION NO LONGER A COUNTY GOAD CHOSTING. |
| - SUMS 41861 |
| |
| |
| |
| |

WBID # 3147 Site # 689

Date: 66/17/206

NONE

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

| | ersonally used the case check ALL | nis water body for r that apply: | ecreation since 1975? | Yes □ No |
|------------------------------------|--|---|---|-----------------------------------|
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | □ Other: |
| 3. Have you ob: | - | ing this water body | lease describe: | 975? □ Yes □ No |
| ☐ Swimming | Skin diving | □ SCUBA diving | ☐ Tubing | |
| | | | | |
| ☐ Wind surfing | ☐ Kayaking | | | ☐ Water skiing |
| ☐ Wind surfing☐ Hunting | ☐ Kayaking ☐ Trapping | ☐ Boating ☐ Fishing | ☐ Wading ☐ None of the above | ☐ Water skiing ☐ Rafting ☐ Other: |
| ☐ Wind surfing☐ Hunting | ☐ Kayaking ☐ Trapping Thave you obsert More than: ☐ 1 - 5 times | ☐ Boating ☐ Fishing ved it being used for times per year | ☐ Wading ☐ None of the above or recreation? | ☐ Rafting |
| ☐ Wind surfing ☐ Hunting How ofter | ☐ Kayaking ☐ Trapping Thave you obserted More than 1 Good 1 - 5 times Good Less than 1 | ☐ Boating ☐ Fishing Tved it being used for times per year per year | ☐ Wading ☐ None of the above or recreation? | ☐ Rafting |
| ☐ Wind surfing ☐ Hunting How ofter | ☐ Kayaking ☐ Trapping Thave you obserted More than 1 Good 1 - 5 times Good Less than 1 | ☐ Boating ☐ Fishing rved it being used for times per year per year | ☐ Wading ☐ None of the above or recreation? | ☐ Rafting |

WBID # 3147 Site # 690

Date: 06 / 14 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

| Latitude (ddd.dddd): | 37.03950 | | Arrival Time: | |
|--|-------------------------|-----------------------------------|------------------------------|--------------------------|
| Longitude (ddd.dddd): | 089.52426 | MCC: 32.6 Ft | 1610 | |
| Photo Ids: Upstream: | 0260 | Downstream: 0261 | Other: 0767 | er Coulous and |
| L | | PHOTO 0265 WETL | AND CONS, PAJGRAM EA | RE WETLAND STEA |
| arrative Description | of Location: (De | scribe access point to stream ne | arby roads landmarks ato |) |
| CROSSING AT C | CR 506: APPROI | 1. 4 MILE EAST OF R | T. H | |
| | | | | |
| | | | | |
| urrounding Conditions of interest.) | ons*: (Mark all that p | promote or impede recreational | uses. Attach photos of evide | ence or unusual |
| ☐ City/county parks | ☐ Playgrounds | MDC conservation lands | ☐ Urban areas | |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | | Campgrounds |
| ☐ No trespass sign | ☐ Fence | ☐ Steep slopes | ☐ Nature trails | ☐ Stairs/walkway |
| sign | EI T CHEC | * SEE PHOTO OBES | Other: | |
| ıman Uses Observed | l*: | | | |
| | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | □ Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | None of the above | □ Other: |
| Describe: (include numb | per of individuals recu | reating, frequency of use, photo- | documentation of evidence | of recreational uses, et |
| | | | | |
| idence of Human Us | se*: | | | |
| ☑ Roads | ☐ Foot paths/print | s Dock/platform | ☐ Livestock Watering | □ RV / ATV Tracks |
| ☐ Rope swings | ☐ Camping Sites | ☐ Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle |
| ☐ Other: | | | <u> </u> | 1 |
| | | | | |
| rees of Pollution / | .g., trash dumping, tir | es, drainages, discharges, etc.) | | |
| To the On the Control of the Control | | | | |
| TRASH DUMPING | -SEE PHOTO; | AGRICULTURE, SEE PHO | 170 (0265) | |

QL = Juf /2 /2006

WBID # 3147 Site # 690

Date: 06 / 14 / 2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

| | Distance from access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (n |
|---------------------|--------------------------------|---|--------------------------|-----------------------------|----------------|
| □ Riffle | | | | | |
| □ Run | | | | | |
| ☑ Pool | * 15m | 14m | ¥ 15 | X & Fom | * 71.5m |
| Flow | Present? | ☑No | Velocity (ft/sec): | | |
| Downstroon | a View Dhania at | | | | |
| Downstream | Distance from | | ESTIMATED DUE | ७ १८१म | |
| | access point (m) | Width (m) | Length (m) | Avg. Depth (m) | Max Depth (m |
| □ Riffle | | | | | |
| □ Run | | | | | |
| ☑ Pøol | * 15~ | 13m | * 15 | * alom | 71.5m |
| ☑ Flow | Present? Yes | □ No | Velocity (ft/sec): | Im=165 | 1. J.M |
| | | | | 11112103 | |
| | nese values should ad | | | | |
| % Co | obble 5 % (| Gravel 95 9 | % Sand % | % Silt | y % Bedr |
| | tion*: (Note amour | it of vegetation or alo | al growth at the assessm | ant site) | |
| A GUATSC | VEGETATOUN P | RESERT ALONG | FERGES ALONG | CN/CS = | SEE PHOTO O |
| AGUATE PA | VEGETATOUN P | RESENT ALONG W AREAS, 10 9 | FERRES ALANG | CN/CS = | . SEE PHOTO O |
| AGUATIC ALGAE PA | VEGETATION PESENT IN SCO | RESENT ALONG W AGEAS, 10 % that apply.) | FEDGES ALONG | CN/CS = | , SEE PHOTO 0: |
| AGUATE PA | eristics*: (Mark all | RESENT ALONG W AGEAS, 10 % that apply.) □ Musky □ | Chemical | EDGES OF STREAM, FECTED. | |
| ter Charact | eristics*: (Mark all | HESENT ALONG W AGEAS, 10 % that apply.) ☐ Musky ☐ Green [| Chemical | EDGES OF STREAM, FECTED. | VERY SLIGHTLY |

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID#<u>3147</u> Site#<u>6</u> № Date: <u>06/14</u> / 2006

Data Sheet B - Site Characterization -3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation). | |
|---|---|
| | _ |
| | |
| | |
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| | |

WBID# 3147 Site# 690
Date: 06 / 14 / 2006

Telephone #:

Nove

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

| 1. Do you live If so, ho | in the area? w long have you | Yes 🗆 No lived here? | | |
|--------------------------------------|--------------------------------|------------------------------------|--------------------------------|-----------------|
| 2. Have you pe | ersonally used the | is water body for r that apply: | ecreation since 1975? | □ Yes □ No |
| ☐ Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | ☐ Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: |
| 3. Have you ob: | G 1 – 5 time G Less than | ing this water body | lease describe: | 975? □ Yes □ No |
| ☐ Swimming | Skin diving | nat apply: ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | □ Wading | Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | Other: |
| (| G More than $1-5$ times | | for recreation? ease describe: | |
| 4. Additional Co | omments: | | | |
| Contact Informa | tion (if willing | | | |
| Contact Informa Name: Address: | uon (11 Willing 1 | to provide): | | |

WBID # 3147 Site # 691

Date: 06 / 14 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

| Latitude (ddd.dddd) | | | Arrival Time: | |
|------------------------|--------------------------|--|-----------------------------|-----------------------------|
| Longitude (ddd.ddd | d): 089,52439 | ACL: 18.5 FL | 1725 | |
| Photo Ids: Upstrea | m: 0267 | Downstream: 0268 Scribe access point to stream, n | Other: Buile | 1100-0269 |
| | | | 11954-0212Byrn | fle1d-0270 |
| unation D | | | Side Changelon | - OQ71 West Side of stoo |
| AT C.R. 501 C | on of Location: (De | scribe access point to stream, n | earby roads, landmarks, etc |) Fence (100m don |
| | T M JL | G EAST OF AT, H | | |
| | | | | |
| rounding Condi | tions*• (A.J. 11.1 | | | |
| s of interest.) | cions . (Mark all that | promote or impede recreational | uses. Attach photos of evid | ence or unusual |
| ☐ City/county parks | ☐ Playgrounds | ☐ MDC conservation lands | ☐ Urban areas | ☐ Campgrounds |
| ☐ Boating accesses | ☐ State parks | ☐ National forests | ☐ Nature trails | |
| ☐ No trespass sign | ☐ Fence | ☐ Steep slopes | | ☐ Stairs/walkway |
| II o | | | 1 Dillet. AGRICULT | LANG-216 CHALLS 026 |
| nan Uses Observ | ed*: | | | |
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| ☐ Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting |
| ☐ Hunting | ☐ Trapping | ☐ Fishing | TO(-) | |
| Jescribe: (include nui | mber of individuals recr | eating, frequency of use, photo- | documentation of evidence | of recreational uses etc |
| | | | | |
| | | | | |
| | | | | |
| ence of Human U | Iso*. | | | |
| Roads | | | T | |
| Rope swings | Foot paths/print | - F-morm | ☐ Livestock Watering | ☐ RV / ATV Tracks |
| Other: | ☐ Camping Sites | ☐ Fire pit/ring | ☐ NPDES Discharge | ☐ Fishing Tackle |
| Other. | | | | |
| es of Pollution: | e a troch dumining | | | |
| viiduoii. | umping, fire | s, drainages, discharges, etc.) | | |
| INES AND THAS | is not be the above the | む がためづけん ハイノベン へつご | | |

QL: Jufato 06/14/06

WBID # 3147 Site # 691

Date: 06/14 / 2006

Data Sheet B - Site Characterization - 2 of 3

Stream Morphology:

Upstream View Physical Dimensions: * ESTIMATED DUE TO DESTH Distance from Width (m) access point (m) Length (m) Avg. Depth (m) Max Depth (m) ☐ Riffle □ Run

* = 15m 1 Pool * \$ 1.5m 215m >1.5m **Flow** Present? ☐ Yes 1 No Velocity (ft/sec):

| DOWNSTIEZ | am View Physical I Distance from | Dimensions: | 0. | 37, 0.7 | 15m, 0.56m | |
|------------|----------------------------------|----------------|-----------------|---------|----------------|---------------|
| | access point (m) | Width (m) | Length (| m) | Avg. Depth (m) | Max Depth (m) |
| ☐ Riffle | | | | | | - F (111) |
| □ Run | | | | | | |
| Pool | 8m | 15m | 8m * | 4 | ે.ક. | 0.75m |
| □ Flow | Present? | ☑ No | Velocity (ft/se | ·c): | | 0.75M |
| strate*: (| These values should add | d up to 100%.) | | * | IV VIEW | |
| 5 %(| | | % Sand 25 | % Silt | % Mud/Clay | % Bedro |

| | itues should add up to 10 | 00%.) | | | | | |
|------------|---------------------------|-------|--------|----|---------|------------|-----------|
| 5 % Cobble | % Gravel | 70 | % Sand | 25 | % Silt | 0/ 1/51 | |
| | | | - Suna | | 70 SIII | % Mud/Clay | % Bedrock |
| A | | | | | | | |

Aquatic Vegetation*: (Note amount of vegetation or algal growth at the assessment site.)

SURFACE ALGAE PREVALENT ON EDGES OF STAGAM (8% OF STAGAM) AGVATER PLANTS PRESENT (3% OF STAFFAM)

Water Characteristics*: (Mark all that apply.)

| Odor: | ☐ Sewage | ☐ Musky | ☐ Chemical | □ None | f 0. |
|------------------|----------|----------|------------------|---------|---------------|
| Color: | ☐ Clear | Green | | □ None | Other: MUSTy |
| Dotton D | | Uz Green | □ Gray | ☐ Milky | ☐ Other: |
| Bottom Deposit: | ☐ Sludge | ☐ Solids | ☑ Fine sediments | □ None | ☐ Other: |
| Surface Deposit: | □ Oil | Scum | | | |
| | | Ca Scum | ☐ Foam | □ None | MOther: ALGAE |

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 3147 Site # 691Date: $06/14/2\infty6$

Data Sheet B - Site Characterization - 3 of 3

| Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation). |
|---|
| |
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| |
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| |
| |
| |

WBID # 3147 Site # 691 Date: 06/14/2006

None Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

| If so, ple | ersonally used the | nis water body for r that apply: | ecreation since 1975? | ☐ Yes ☐ No |
|-----------------------------|----------------------------|-------------------------------------|------------------------|-----------------|
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting |
| Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | Other: |
| Have you obs If so, plea | | ing this water body | for recreation since 1 | 975? □ Yes □ No |
| Swimming | ☐ Skin diving | ☐ SCUBA diving | ☐ Tubing | ☐ Water skiing |
| Wind surfing | ☐ Kayaking | ☐ Boating | ☐ Wading | ☐ Rafting |
| Hunting | ☐ Trapping | ☐ Fishing | ☐ None of the above | ☐ Other: |
| | have you obser | ved it being used for | or recreation? | |
| How often | Note than $3 - 5$ times | per year | ease describe: | |
| G | 1 – 5 times Less than 1 | per year | ease describe: | |
| G | 1 – 5 times Less than 1 | per year | ease describe: | |

Telephone #:



Site# 686 Photo ID# 0368, Upstream



Site# 686 Photo ID# 0370, Fishing bobber



Site# 686 Photo ID# 0369, Downstream



Site# 686 Photo ID# 0371, Algae



Site# 687 Photo ID# 0372, Upstream



Site# 687 Photo ID# 0374, Trash



Site# 687 Photo ID# 0373, Downstream



Site# 687 Photo ID# 0375, Ag drain



Site# 687 Photo ID# 0376, Access road



Site# 688 Photo ID# 0378, Upstream



Site# 687 Photo ID# 0377, Algae



Site# 688 Photo ID# 0379, Downstream



Site# 688 Photo ID# 0380, Access road



Site# 689 Photo ID# 0388, Downstream



Site# 689 Photo ID# 0387, Upstream



Site# 689 Photo ID# 0390,



Site# 689 Photo ID# 0389,



Site# 689 Photo ID# 0392, Pond



Site# 689 Photo ID# 0391, Drain pipe



Site# 689 Photo ID# 0393, Fence



Site# 690 Photo ID# 0260, Upstream



Site# 690 Photo ID# 0262, Trash



Site# 690 Photo ID# 0261, Downstream



Site# 690 Photo ID# 0263, Conservation wetland sign



Site# 690 Photo ID# 0266, Aquatic veg



Site# 691 Photo ID# 0267, Upstream



Site# 690 Photo ID# 0265, Agriculture



Site# 691 Photo ID# 0268, Downstream



Site# 691 Photo ID# 0269, Building



Site# 691 Photo ID# 0270, Burn field



Site# 691 Photo ID# 0272, Trash



Site# 691 Photo ID# 0271, Tire



Site# 691 Photo ID# 0274, Parking spot



Site# 691 Photo ID# 0275, Side channel